U.S. PATENT AND TRADEMAR ORM PTO-1390 (Modified) ICE; U.S. DEPARTMENT OF COMMERCE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) 10/540,324 CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. PRIORITY DATE CLAIMED INTERNATIONAL FILING DATE PCT/KR03/00901 12/24/2002 05/07/2003 TITLE OF INVENTION METHOD OF MANUFACTURING ZINC-COATED ELECTRODE WIRE FOR ELECTRIC DISCHARGE PROCESSORS USING HOT TIP GALVANIZING PROCESS APPLICANT(S) FOR DO/EO/US Jong-Cho LEE Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.  $\boxtimes$ This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2. 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. The US has been elected (Article 31). 4 5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). a. 🗆 b. 🗆 has been communicated by the International Bureau. c. 🗆 is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). 6. П а. 🗆 is attached hereto. b. 🗆 has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. c. 🗆 have not been made; however, the time limit for making such amendments has NOT expired. d. 🗆 have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. 9.  $\boxtimes$ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or information included: 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. Hor Receive of 14  $\boxtimes$ 15. A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment. 17. A substitute specification. 18. A power of attorney and/or change of address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22 Express Mail Label No.

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37	if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.		Ο.	ATTORNEY'S DOCKET NUMBER			
10/540,324	10/540,324 PCT/KR03/00901			KR.0004			
23. Other items or information:							
The following fees have been sub	emitted:					CALCULATIONS	PTO USE
					\$300	\$ \$0.00	
25.  Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article  \$0  All other situations. \$200					\$ \$0.00		
26. ☐ Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority					\$ \$0.00		
TOTAL OF 24, 25 and 20	6 =					\$ \$0.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole							
- 100 = 0 /50 =		0		× \$25	0.00	\$ \$0.00	
Surcharge of \$130.00 for furnishing ar declaration after the date of commence					h or	\$	
CLAIMS NUMBER FILE	1	UMBER EXTRA	<u> </u>	RATE			
Total claims -	20 =	0	x	\$5	0.00	\$ \$0.00	1
Independent claims -	3 =	0	×	\$20	0.00	\$ \$0.00	
MULTIPLE DEPENDENT CLAIMS (if	applicable)		+	\$36	0.00	\$ \$0.00	
	TOTA	L OF ABOVE C	ALC	ULATIC	NS=	\$ \$0.00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.			by	\$ \$0.00			
SUBTOTAL =			AL =	\$ \$0.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ \$130.00			
TOTAL NATIONAL FEE =					\$ \$130.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ \$40.00			
		TOTAL FEI	ES E	NCLOS	ED =	\$ \$170.00	
KAYPAGH 00000052 10540324						Amount to be	\$
130 00 00						Amount to be	\$

01/04/2006 01 FC:1617

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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a. 🛚	A check in the amount of \$	\$170.00	to cover the above fees is enclosed.	
b. 🗆	Please charge my Deposit Acc A duplicate copy of this sheet is		in the amount of \$	to cover the above fees
с. 🛚			harge any additional fees which may be required, . A duplicate copy of this sheet is enclosed.	or credit any overpayment
d. 🔲			RNING: Information on this form may become pub s form. Provide credit card information and autho	
NOTE: must b	Where an appropriate time line filed and granted to restore t	nit under 37 ( he Internatio	CFR 1.495 has not been met, a petition to revive nal Application to pending status.	(87 CFR 1.137(a) or (b))
SEND	ALL CORRESPONDENCE TO:			
ADAM	C. VOLENTINE		SIGNATURE	
	NTINE FRANCOS & WHITT FREEDOM DRIVE, SUITE 12	•	ADAM C. VOLEN	<b>FINE</b>
	ON VA 20190	200	NAME	
TEL. 5	71.283.0720		33289	
			REGISTRATION NUMBER	BER
			DECEMBER 30, 20	005
			DATE	
1				
1				



#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P. D. 802 1450 Alexandria, Virginia 22313-1450 WWW.unitol. 6090

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY, DOCKET NO.			
10/540,324	Jong-Cho Lee	KR.0004			

INTERNATIONAL APPLICATION NO.

PCT/KR03/00901

20987 VOLENTINE FRANCOS, & WHITT PLYOLENTINE FRANCOS ONE FREEDOM SQUARE 11951 FREEDOM DRIVE SUITE 1260 RESTON, VA 20190

I.A. FILING DATE PRIORITY DATE 05/07/2003

**CONFIRMATION NO. 1294** 

12/24/2002

NOV 1 2005 Receive

371 FORMALITIES LETTER OC000000017359579\*

Date Mailed: 10/31/2005

## - NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/22/2005
- Copy of the International Search Report filed on 06/22/2005
- Information Disclosure Statements filed on 06/22/2005
- Request for Immediate Examination filed on 06/22/2005
- U.S. Basic National Fees filed on 06/22/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

\$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION.





# WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.
10/540,324	PCT/KR03/00901	KR.0004

FORM PCT/DO/EO/905 (371 Formalities Notice)

